

WHAT IS CLAIMED IS:

1. A software system in cooperation with a medical device microprocessor and circuitry to provide dynamic, real time display of capacitor and energy status, the software system comprising:

a graphical user interface indicating a plurality of status parameters;
means for initiating access to said plurality of status parameters; and
means for manifesting said dynamic, real time display of the status.

2. The software system of claim 1 wherein said means for manifesting includes a status bar indicative of current conditions of at least one of said plurality of status parameters.

3. The software system of claim 1 wherein a cancel button is activated at the start of said means for initiating access.

4. A software system implemented in conjunction with a microprocessor circuitry of a medical device, the software system comprising:

means for displaying a plurality of capacitor status parameters;
means for tracking voltage/energy level at anytime during charging; and
means for canceling a display at anytime during said charging.

5. The software system of claim 4 wherein said means for displaying includes charging circuit operation identified as normal or slow.

6. The software system of claim 4 wherein said means for tracking includes a charging status display of temporal voltage/energy level at any point during charging.

7. The software system of claim 4 wherein a capacitor charging status of a start, charging and complete condition are displayed based on the respective charging status of the capacitor.

8. A capacitor charging display, displayable on a screen, the display comprising:
means for displaying capacitor charging status;
means for displaying starting voltage/energy;
means for displaying target voltage/energy;
5 means for displaying elapsed time;
means for displaying charging circuit condition;
means for canceling charging operations; and
means for displaying the charging progress based on voltage/energy.
- 10 9. The display of claim 8 wherein the screen is a programmer screen.
10. The display of claim 8 wherein the screen is a PC screen.
11. The display of claim 9 wherein the screen is a PC screen remotely located
15 from said programmer screen.
12. The display of claim 11 wherein said PC and programmer are connected in
remote data communication therewith.

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